

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084832 A1

(51) International Patent Classification⁷: **B08B 9/032**,
B67D 1/07

(21) International Application Number:
PCT/GB2005/000430

(22) International Filing Date: 8 February 2005 (08.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/548,458 27 February 2004 (27.02.2004) US
0404477.2 28 February 2004 (28.02.2004) GB

(71) Applicant (for all designated States except US): **CLEVERCLEAR LIMITED** [GB/GB]; 51 Bodenham Road, Hereford HR1 2TP (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MOLLOY, Anthony** [GB/GB]; Flat 4, Crantock Court, 203 Hagley Road,

Edgbaston B16 9RE (GB). **WHEELER, Steven, James** [GB/GB]; 51 Bodenham Road, Hereford HR1 2TP (GB). **MOLLOY, Matthew** [GB/GB]; 13 Hawthorn Grove, Wallsend, Tyne & Wear NE28 8HD (GB).

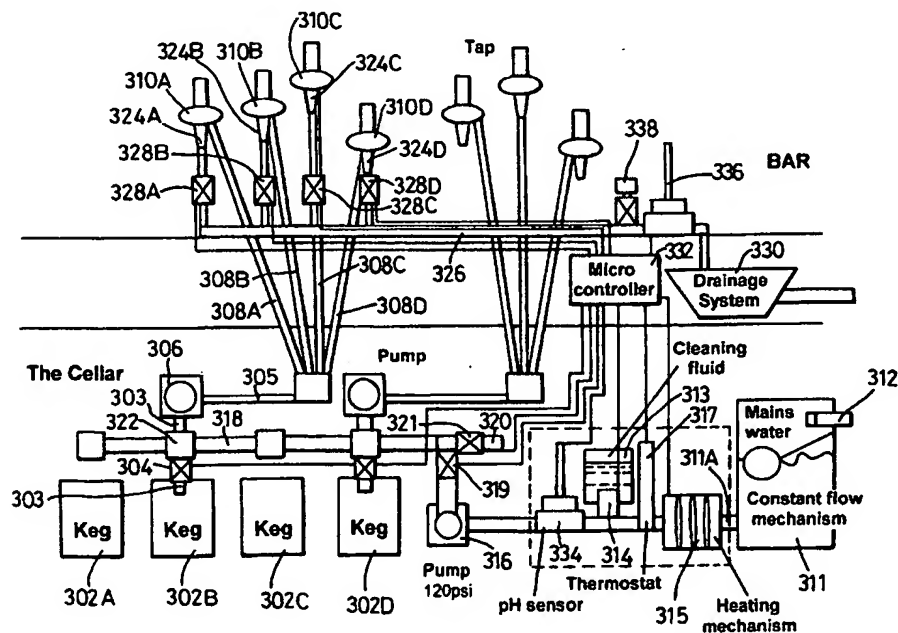
(74) Agents: **JONES, Ithel, Rhys et al.**; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: CLEANING A PLURALITY OF SUPPLY LINES



(57) Abstract: The fluid supply apparatus includes a plurality of supply lines (308), each line having an outlet control device (328) configurable to either allow or prevent fluid in the line flowing to a shared outlet conduit (326). A controller (332) sets the outlet control devices of one or more of the plurality of supply lines in accordance with the output of a monitoring device (336), which monitors the concentration of cleaning fluid passing through the outlet conduit, to control the fluid delivered by the delivery device and the one or more outlet control devices.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*